ASBESTOS ABATEMENT WORKERS

28 total training hours
(14 hours of training is hands-on)

Time Allotments

Lecture	Hands-on	Topic
.15	n/a	Introduction
1.00	n/a	Background information on asbestos A. History of asbestos use, products which may contain asbestos B. Physical characteristics of asbestos C. Need for laboratory analysis
1.30	n/a	Relevant Federal, State and local regulatory requirements, procedures and standards A. Emphasis shall be directed at relevant EPA, OSHA and NJ State regulations concerning asbestos abatement employers, workers and supervisors B. Further emphasis shall be placed upon the following: -the scope of all relevant New Jersey regulatory requirements -the penalties imposed for violation of regulations
1.00	n/a	Health effects of exposure to asbestos A. Factors affecting disease development -properties of asbestos and how it enters the body -concentration and duration of exposure -critical dose -individual susceptibility -group susceptibility B. Body defenses C. Clinical signs of asbestos disease as a result of asbestos exposure D. Asbestos-related diseases -asbestosis, lung cancer, mesothelioma and digestive system cancers -concepts of risk -latency -symptoms -diagnosis E. Health risk to family members
.30	n/a	Smoking cessation A. Effects of smoking B. Effects of smoking cessation C. Smoking cessation methodologies D. Available smoking cessation resources
.45	n/a	Purposes and methods of asbestos monitoring and testing

A. Bulk sampling
B. Personal samples
C. Area samples
D. Sampling equipment demonstration: pumps, filters, calibration
E. Interpretation of analytical results
F. OSHA regulations governing access to employee exposure and medical records

.30	n/a	Case studies

A. Typical problems and corrective measures

1.00	2.00	Personal protection of the worker **(<u>hands-on required</u>)**

A. Protective clothing
    -disposable and non-disposable
    -who must wear
    -donning, removal, storage, handling and disposal
B. Other types of protective equipment
    -booties, hoods, footwear, gloves, eye protection and hard hats
C. Respiratory protection
    -purpose
    -types of respirators: characteristics and limitations, protection factors
    -choosing respirators
    -factors affecting fit
    -fit testing methods
    -donning and removal: inspection, cleaning, adjusting, storage, repair and replacement of parts
D. Hygiene practices

1.30	4.00	Preparation of work area **(<u>hands-on required</u>)**

A. Occupants
B. Furniture and equipment: cleaning and removal of movable objects; covering and sealing of stationary objects
C. Ventilation and electric systems
D. Flooring
E. Enclosures: plastic sheeting for horizontal surfaces
F. Change area
G. Signs

1.30	4.00	Asbestos abatement hazard reduction methods **(<u>hands-on required</u>)**

A. Containment and glovebag techniques
B. Wetting and scraping
C. Vacuum Cleaners equipped with High Efficiency Particulate Air (HEPA) filters
D. Specialized tools
E. Bagging asbestos debris and other housekeeping methods

1.00	2.00	Proper clean-up and disposal **(<u>hands-on required</u>)**

A. Clean-up techniques and sequence of activities

B. Disposal: bagging, drumming, storage, transport

.30	n/a	Personal hygiene
1.00	2.00	Decontamination **(<u>hands-on required</u>)**

A. Decontamination areas: clean room, shower room, equipment room
B. Direction of air flow
C. Sequential steps

.30	n/a	Additional safety hazards

A. Heat stress
B. Fire safety
C. Emergency procedures to follow in the event of fire and medical emergencies and the failure of containment barriers
D. Gas engines
E. Slips and falls
F. Scaffolding
G. Electrical hazards including GFCIs

.30	n/a	Review and course evaluation
1.00	n/a	Written Examination
14 hrs.	14 hrs.	